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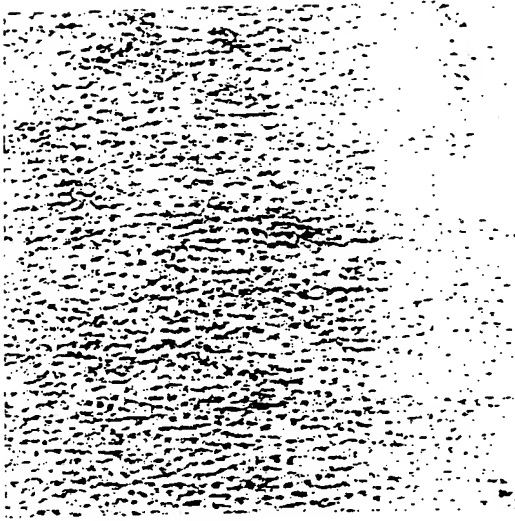


FIG. 1A

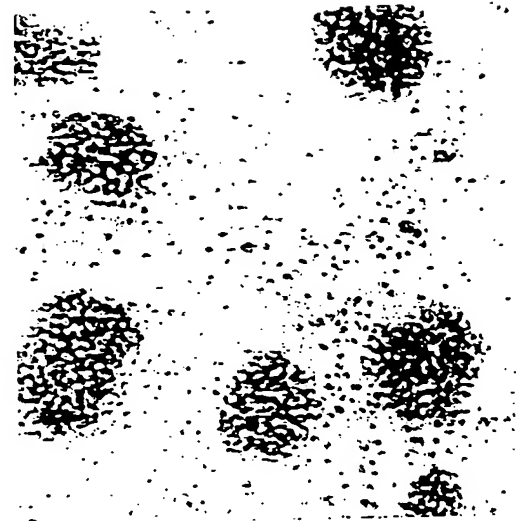


FIG. 1B

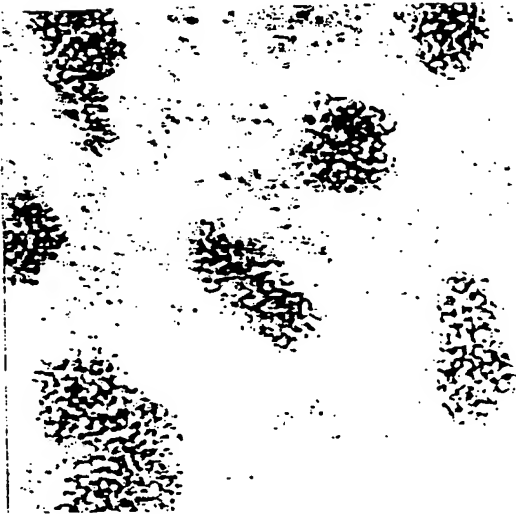


FIG. 1C

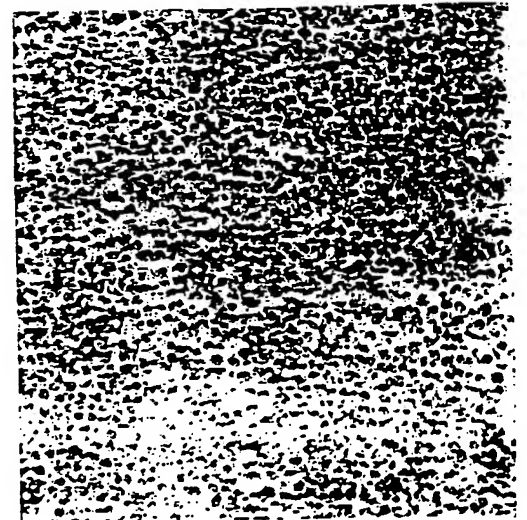
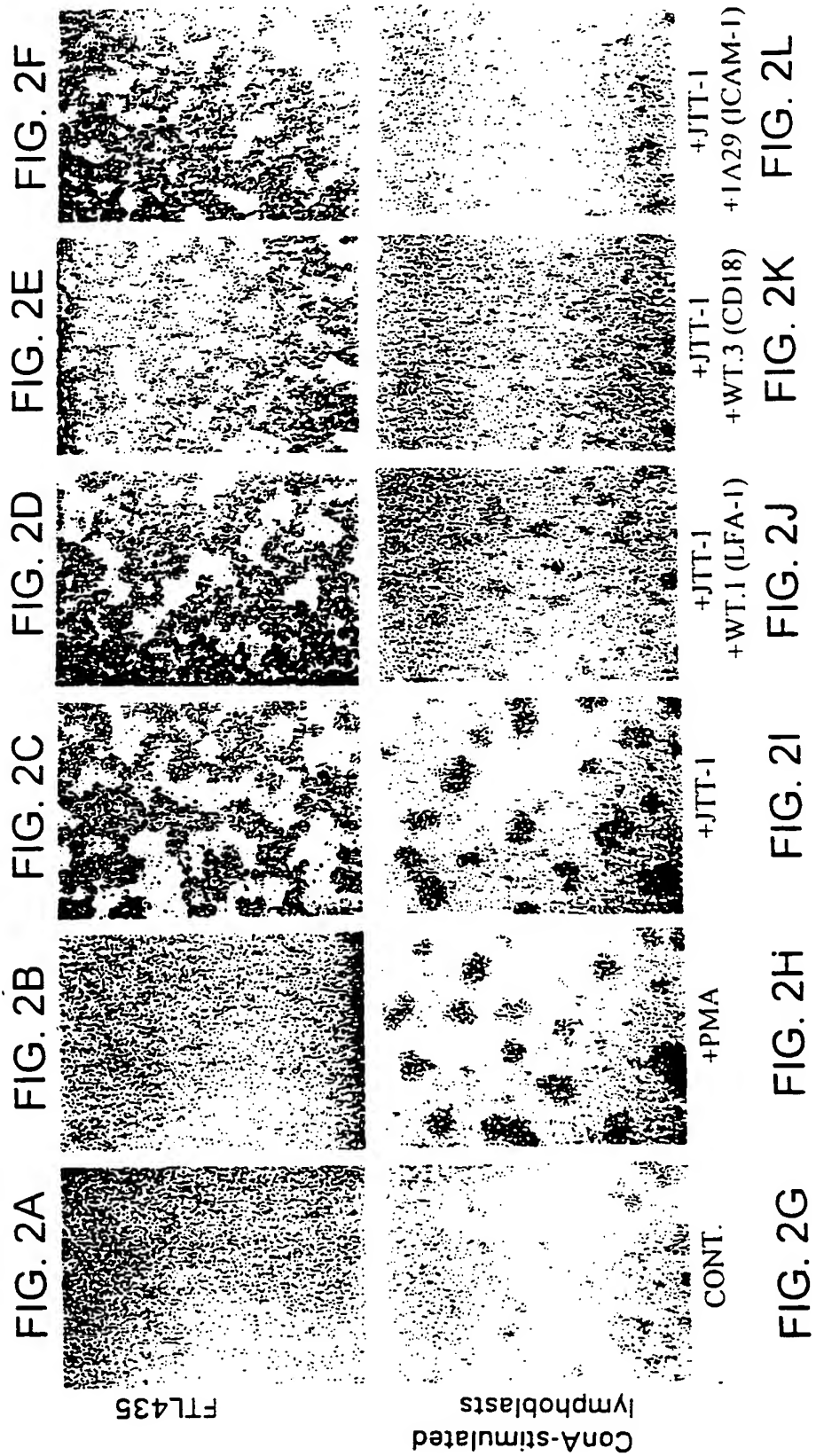


FIG. 1D



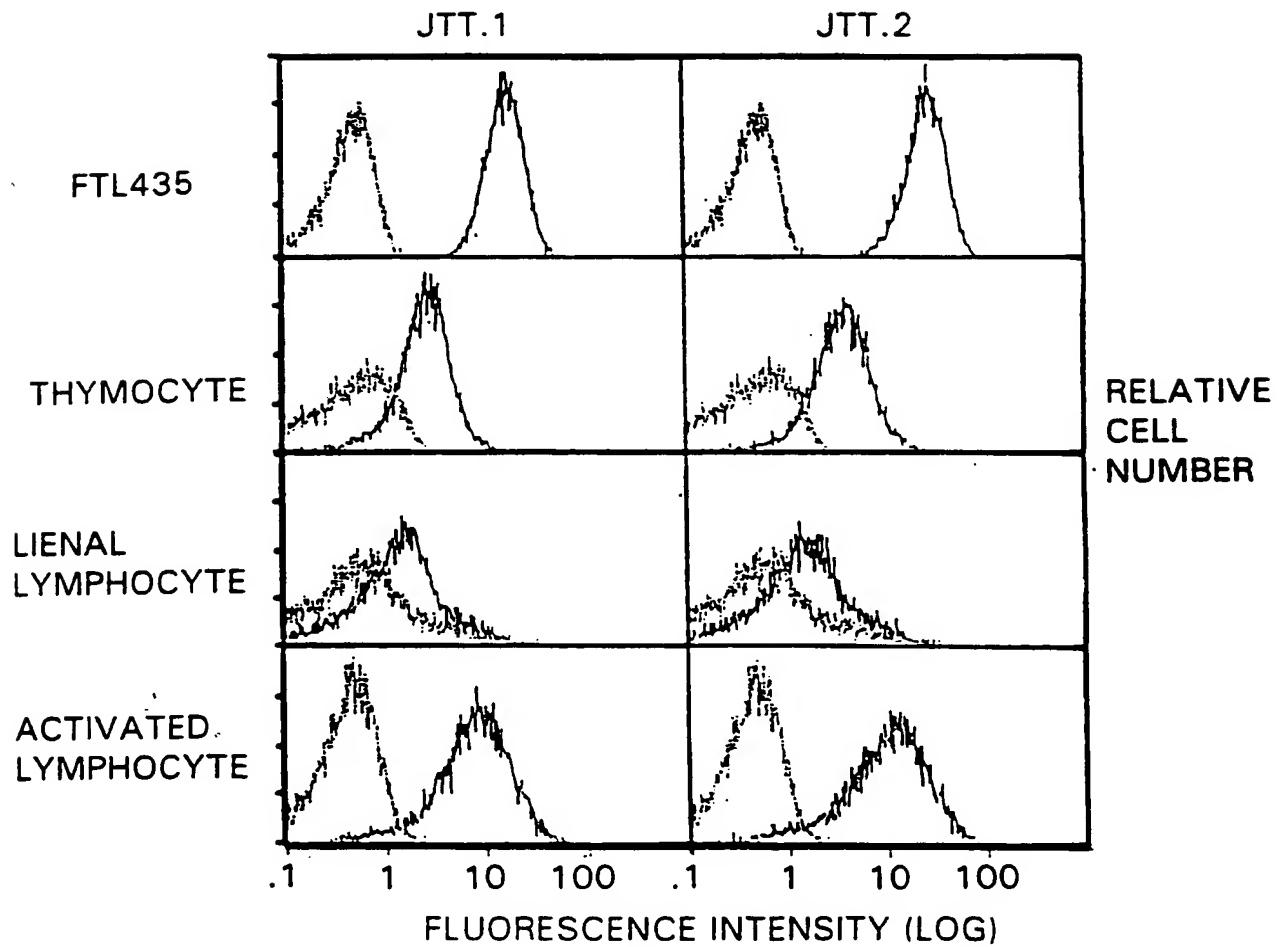


FIG. 3

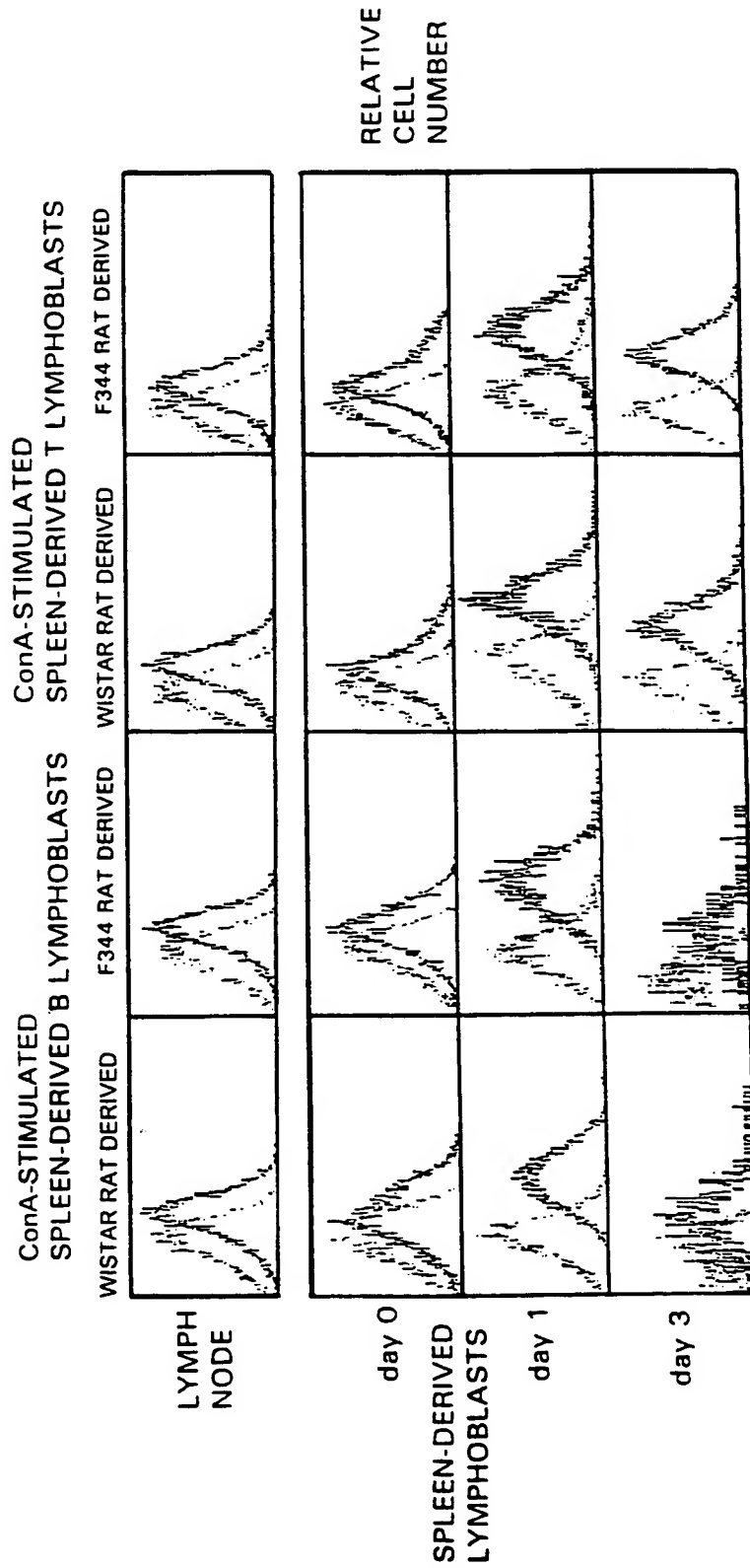


FIG. 4

Applicant(s): Takuya Tamatani et al.

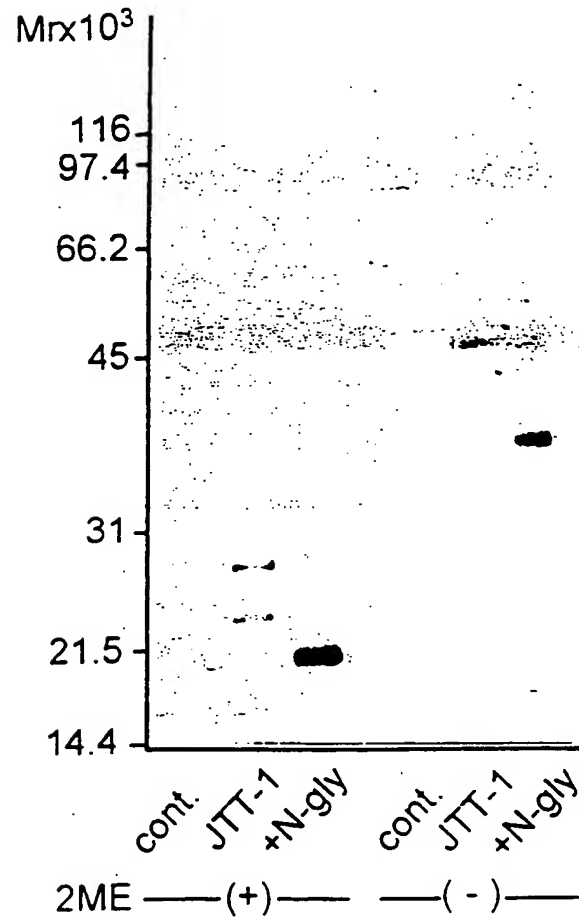
CELL SURFACE MOLECULE MEDIATING CELL ADHESION
AND SIGNAL TRANSMISSION

FIG. 5



FIG. 6A

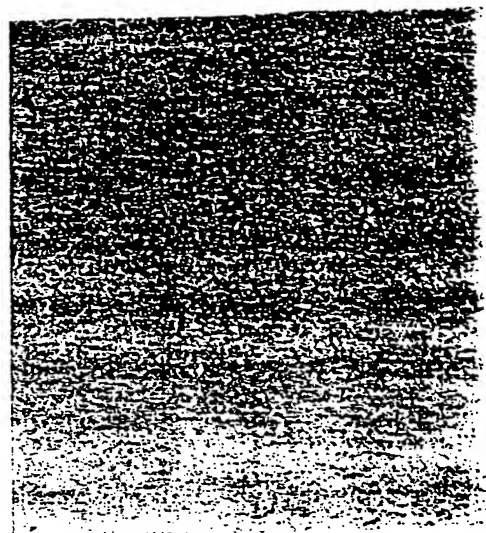


FIG. 6B

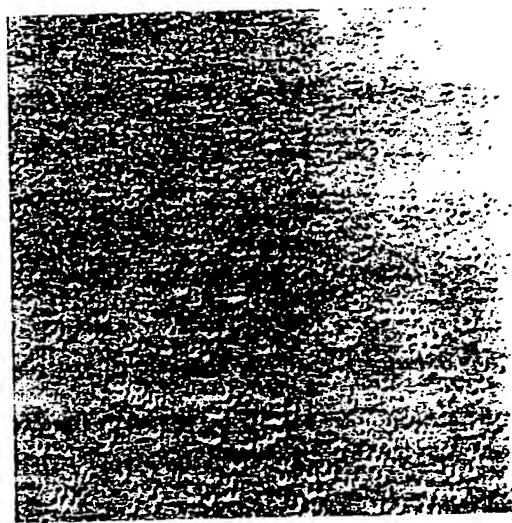


FIG. 6C

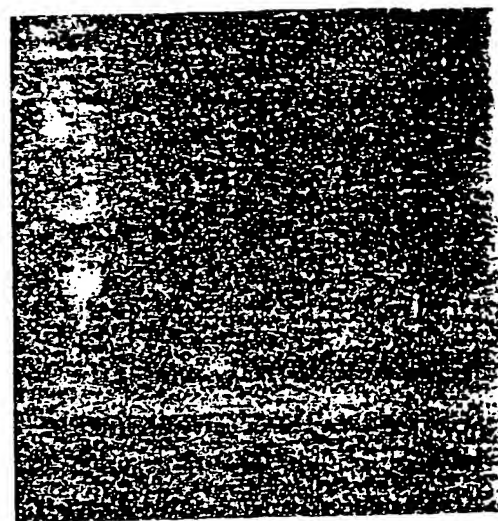


FIG. 6D

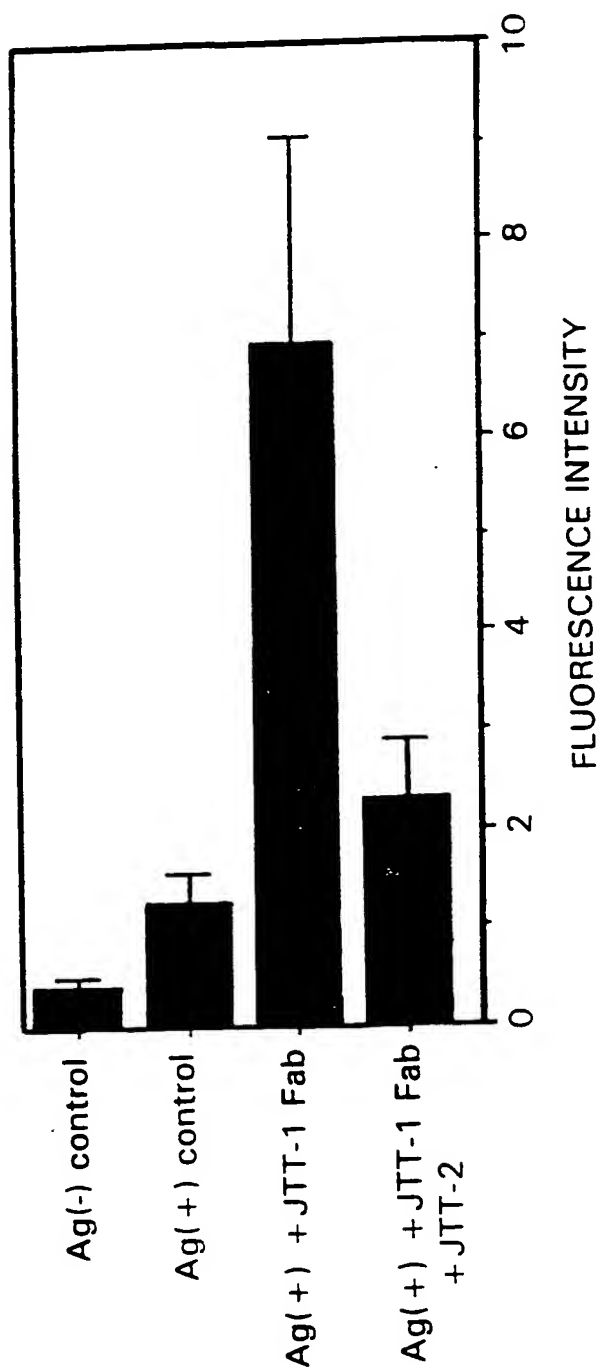


FIG. 7

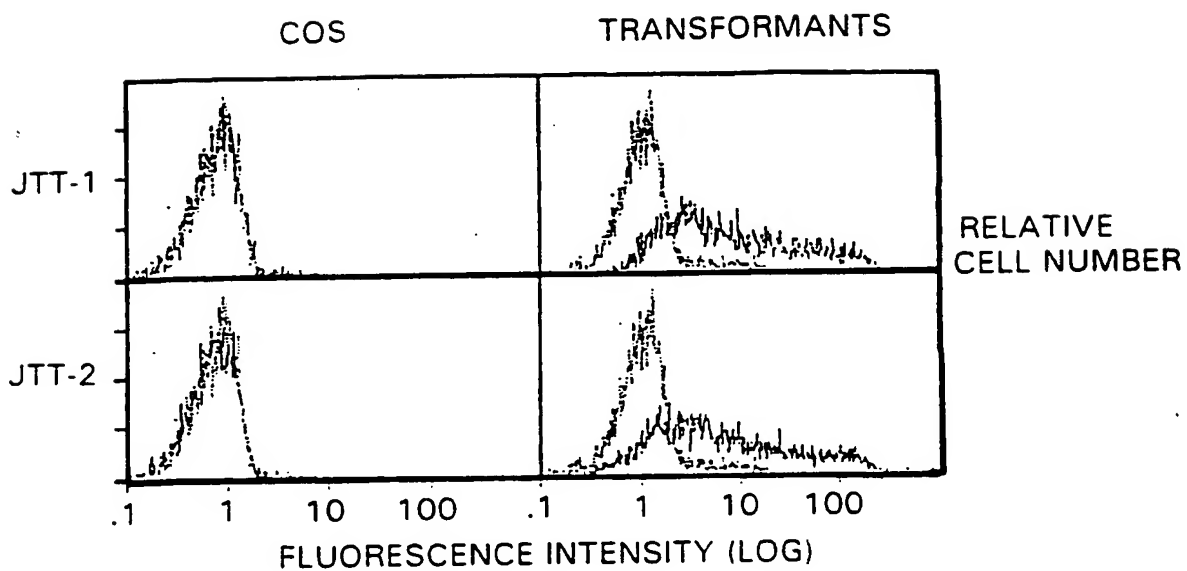


FIG. 8

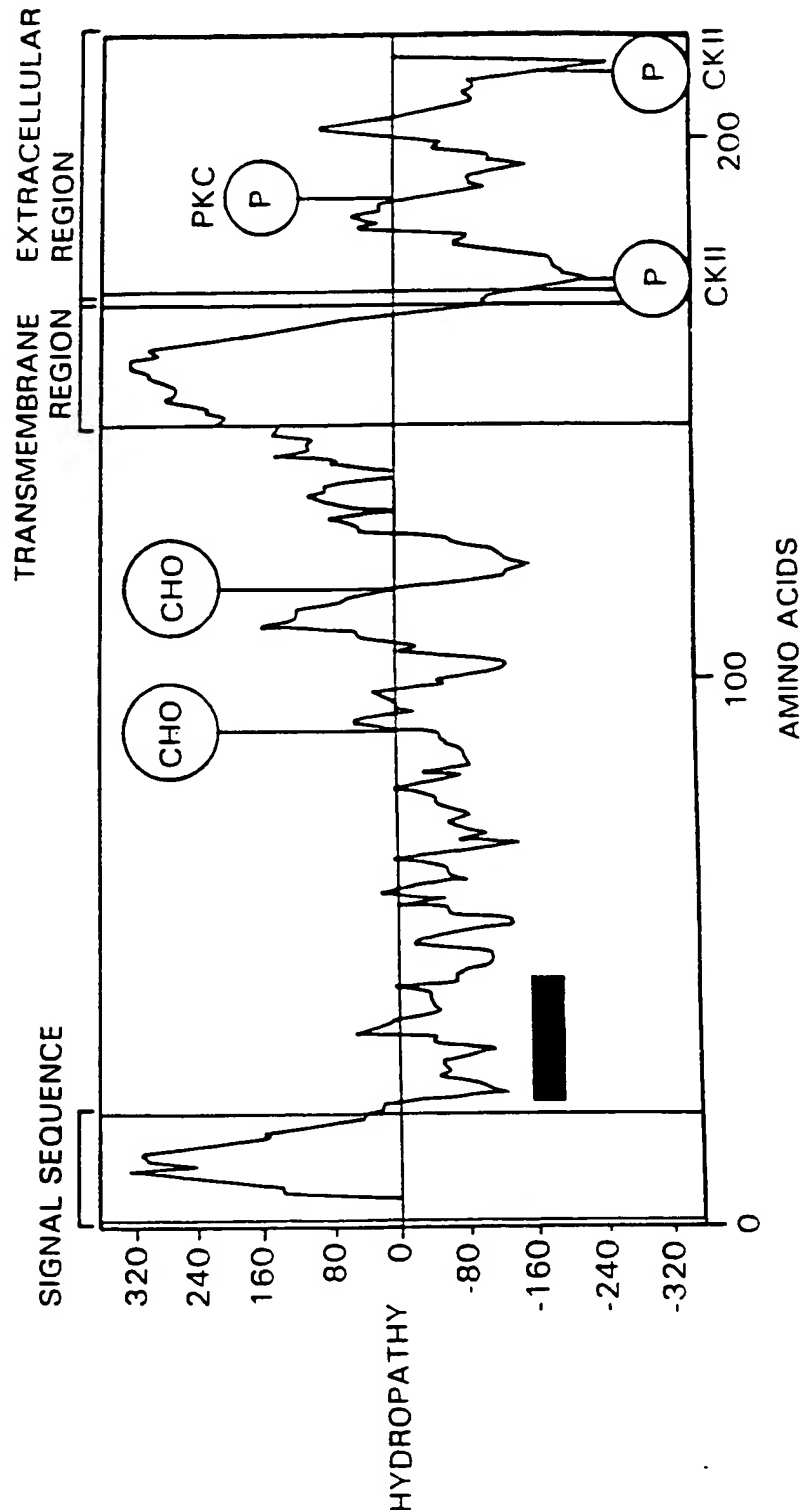


FIG. 9

Applicant(s): Takuya Tamatani et al.

CELL SURFACE MOLECULE MEDIATING CELL ADHESION
AND SIGNAL TRANSMISSION

human	M K S G L W Y F F L	L	F C F L I K V L T G E I N G S A N Y E M F I F H N G G V Q I	L C K Y P D I V Q Q	50
rat	M K P Y F S C V F V	V	F C F L I K L L T G E L N D L A N H R M F S F H D G G V Q I	S C N Y P E T V Q Q	50
rat mutant	M K P Y F S C V F V	V	F C F L I K L L T G E L N D L A N H R M F S F H D G G V Q I	S C N Y P E T V Q Q	50
mouse	M K P Y F S C V F V	V	F C F L I K L L T G E L N D L A N H R M F S F H D G G V Q I	S C N Y P E T V Q Q	50
consensus	M K P Y F . . V F V		F C F L I K L L T G E . N . . A N H R M F S F H . G G V Q I	S C . Y P E T V Q Q	50
human	F K M Q L L K G G Q	Q	I L C D D L T K T K G S G N T V S I K S L K F C H S Q L C C Q L	L S N N S V S F F L Y N A D	100
rat	L K M Q L L F K D R E	E	V L C C D L T K T K G S G N T V S I K N P M S C P Y Q L S N N S V S F F L Y N A D	S V S F F L Y N A D	100
rat mutant	L K M Q L L F K D R E	E	V L C C D L T K T K G S G N T V S I K N P M S C P Y Q L S N N S V S F F L Y N A D	S V S F F L Y N A D	100
mouse	L K M Q L L F R E R E	E	V L C C E L T K T K G S G N A V S I K N P M L C L Y H L S N N S V S F F L Y N A D	S V S F F L Y N A D	100
consensus	L K M Q L L F K . R E		V L C D L T K T K G S G N T V S I K N P M . C . Y Q L S N N S V S F F L . N . D	S V S F F L . N . D	100
human	H S H A N Y Y F C N	N	L S I F D P P P P F F K - V T L T G G Y L H I Y E S Q L C C Q L	K F W L P I G C A A	149
rat	S S Q G S Y F L C S	S	L S I F D P P P P F F Q E K N L S G G Y L L I Y E S Q L C C Q L	K L W L P V G C A A	150
rat mutant	S S Q G S Y F L C S	S	L S I F D P P P P F F Q E K N L S G G Y L L I Y E S Q L C C Q L	K L W L P V G C A A	150
mouse	S S Q G S Y F F C S	S	L S I F D P P P P F F Q E R N L S G G Y L H I Y E S Q L C C Q L	K L W L P V G C A A	150
consensus	S S Q G S Y . . C S		L S I F D P P P P F F Q E . N L S G G Y L . I Y E S Q L C C Q L	K L W L P V G C A A	150
human	F V V V C I L L G C I	I	L I C W L T K K K K Y S S S V H D P N S E Y M F M R A V N T A	K K S R L T D V T L	199
rat	F V A A L L F G C I	I	F I V W F A K K K K Y S S S V H D P N S E Y M F M R A V N T A	K K S R L A G M T S	200
rat mutant	F V A A L L F G C I	I	F I V W F A K K K K Y S S S V H D P N S E Y M F M R A V N T A	K K S R L A G M T S	200
mouse	F V V V L L F G C I	I	L I I W F S K K K K Y G S S V H D P N S E Y M F M R A V N T A	K K S R L A G V T S	200
consensus	F V . . L L F G C I		L I . W F . K K K K Y . S S V H D P N S E Y M F M R A V N T A	K K S R L A G . T	200
human	- - - - -	-	- - - - -	- - - - -	199
rat	- - - - -	-	- - - - -	- - - - -	200
rat mutant	L R A L G R G E H S	S C Q D R N	- - - - -	- - - - -	216
mouse	- - - - -	-	- - - - -	- - - - -	200
consensus	- - - - -	-	- - - - -	- - - - -	216

FIG. 10

[illegible]

FIG. 11

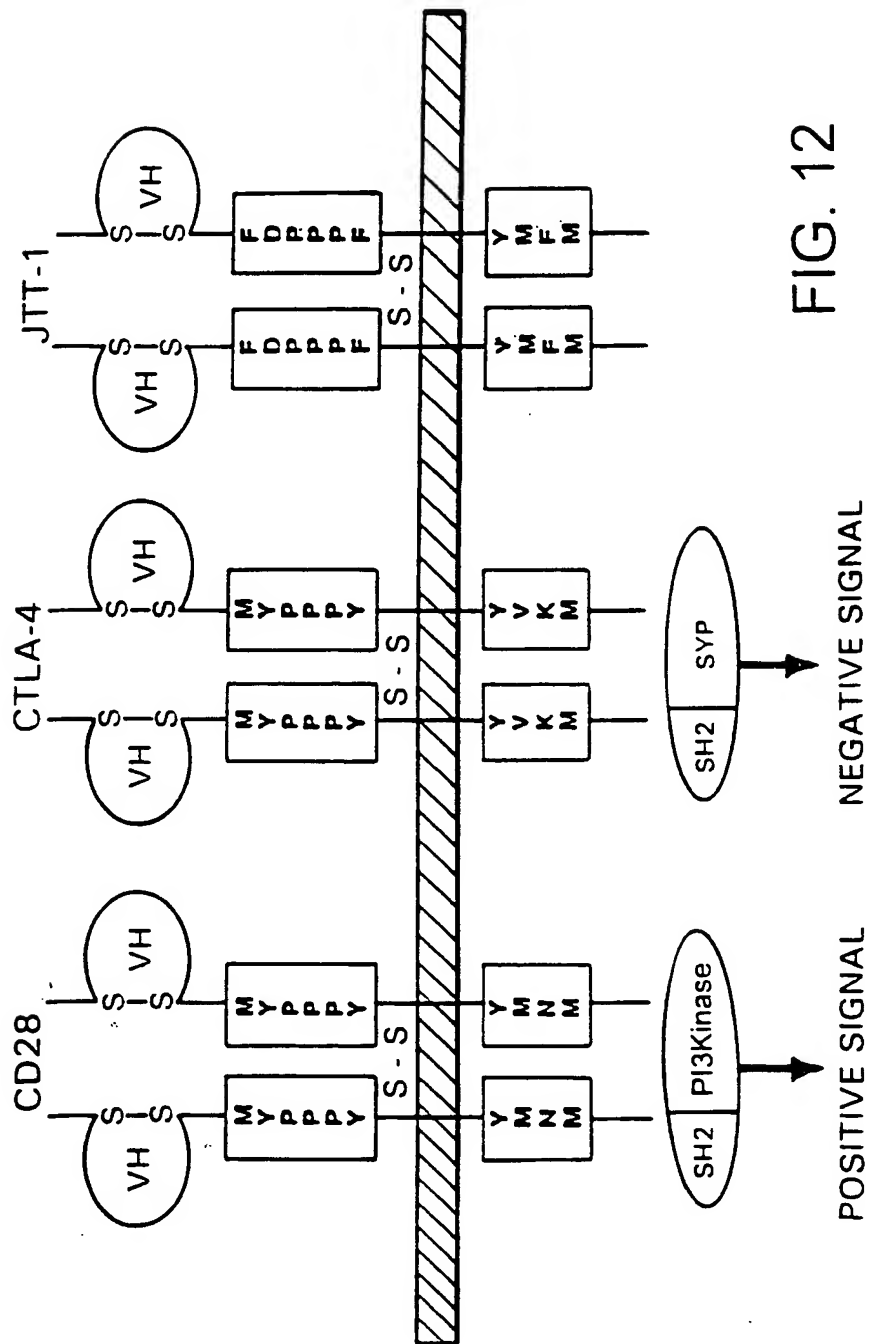


FIG. 12

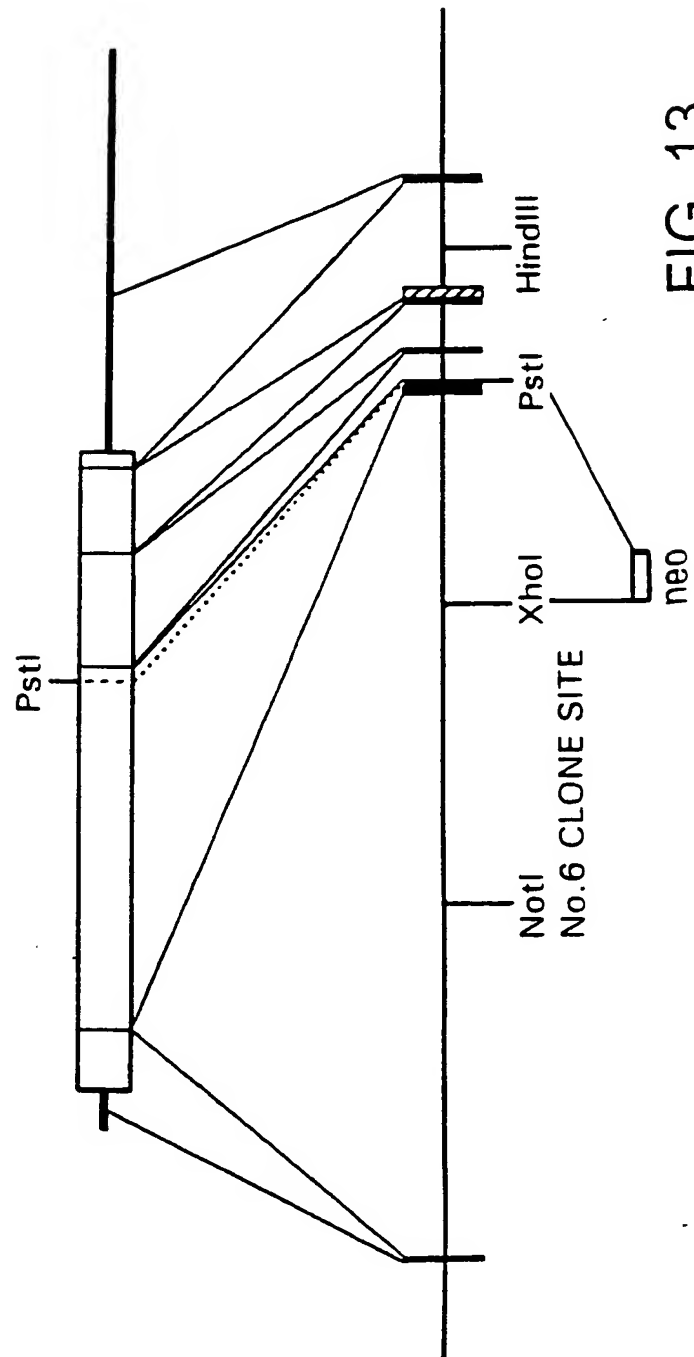
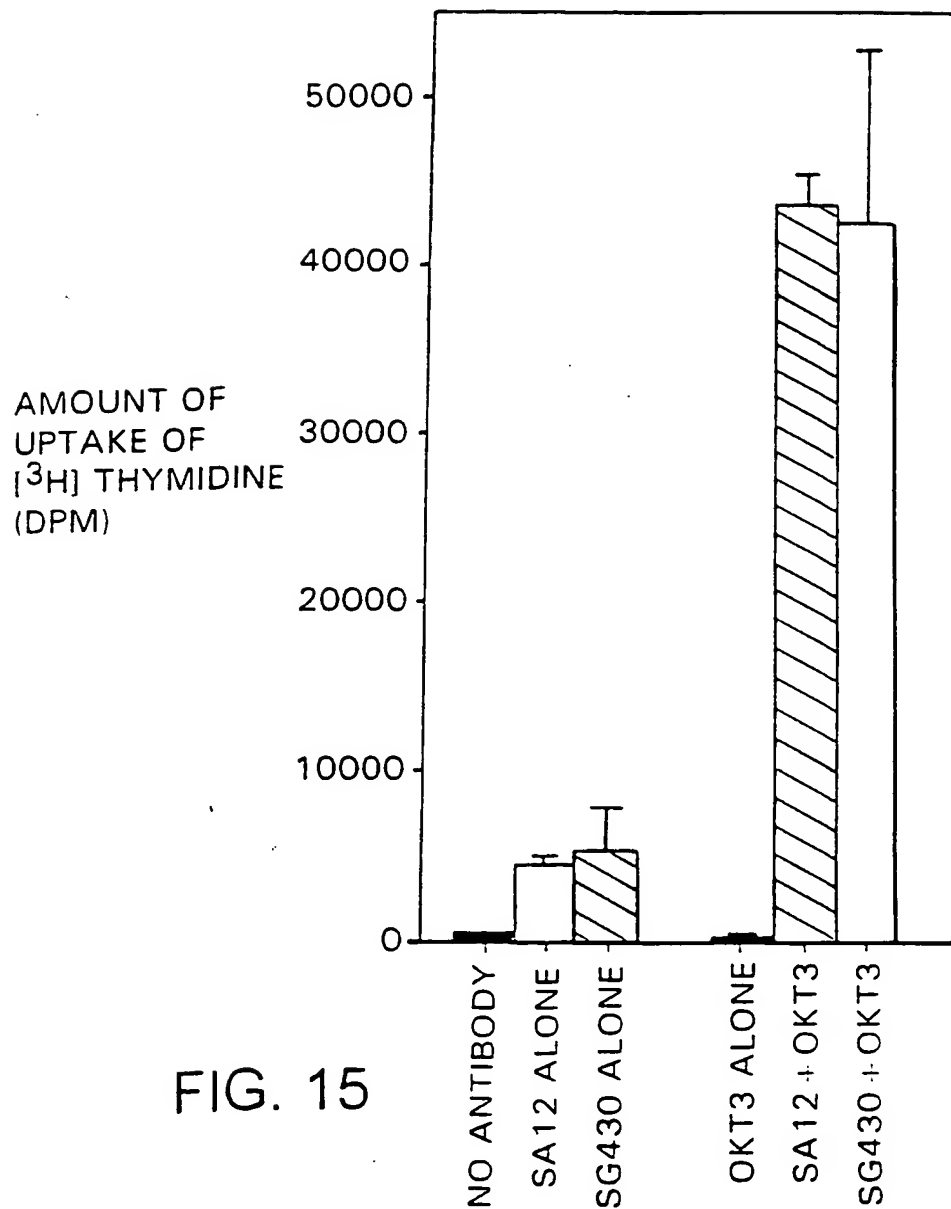


FIG. 13

	50	
rat	50	
rat mutant	50	
consensus	50	
<hr/>		
	100	
rat	100	
rat mutant	100	
consensus	100	
<hr/>		
	150	
rat	150	
rat mutant	150	
consensus	150	
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rat	200	
rat mutant	200	
consensus	200	
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	200	
rat	200	
rat mutant	200	
consensus	200	
<hr/>		
	216	
rat	216	
rat mutant	216	
consensus	216	

FIG. 14



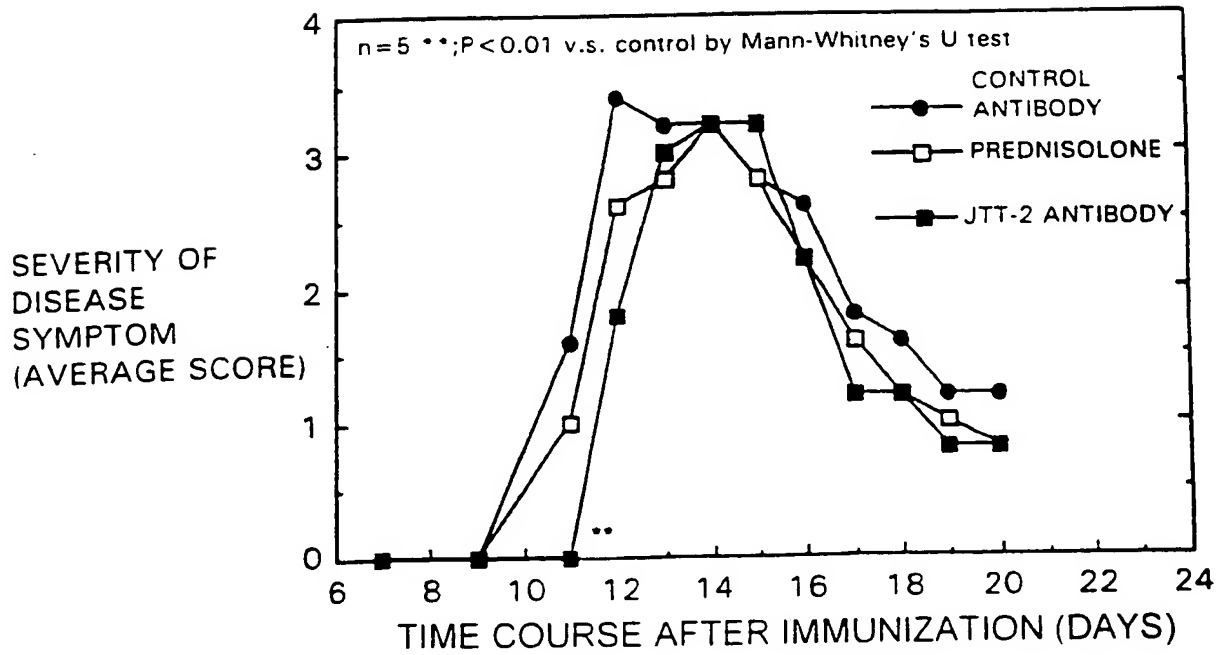


FIG. 16

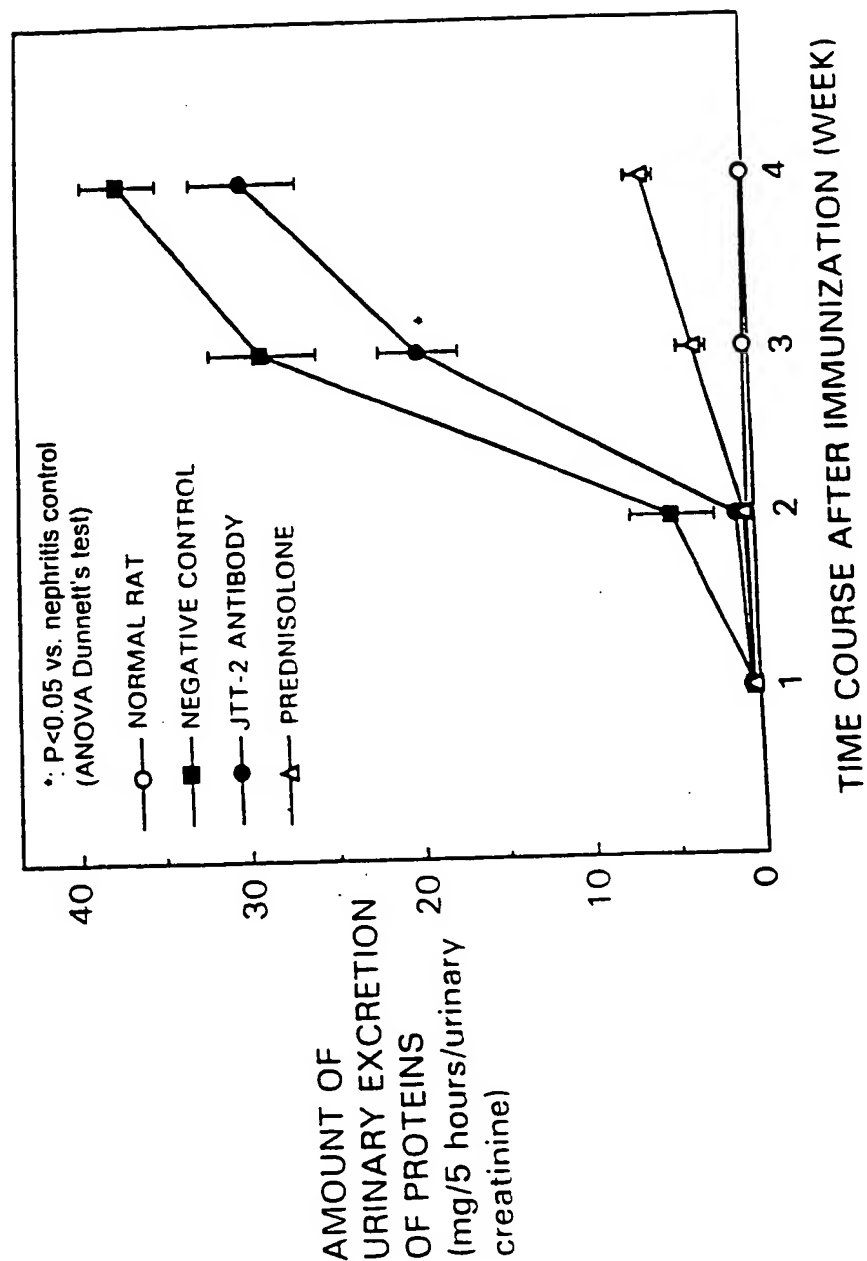


FIG. 17

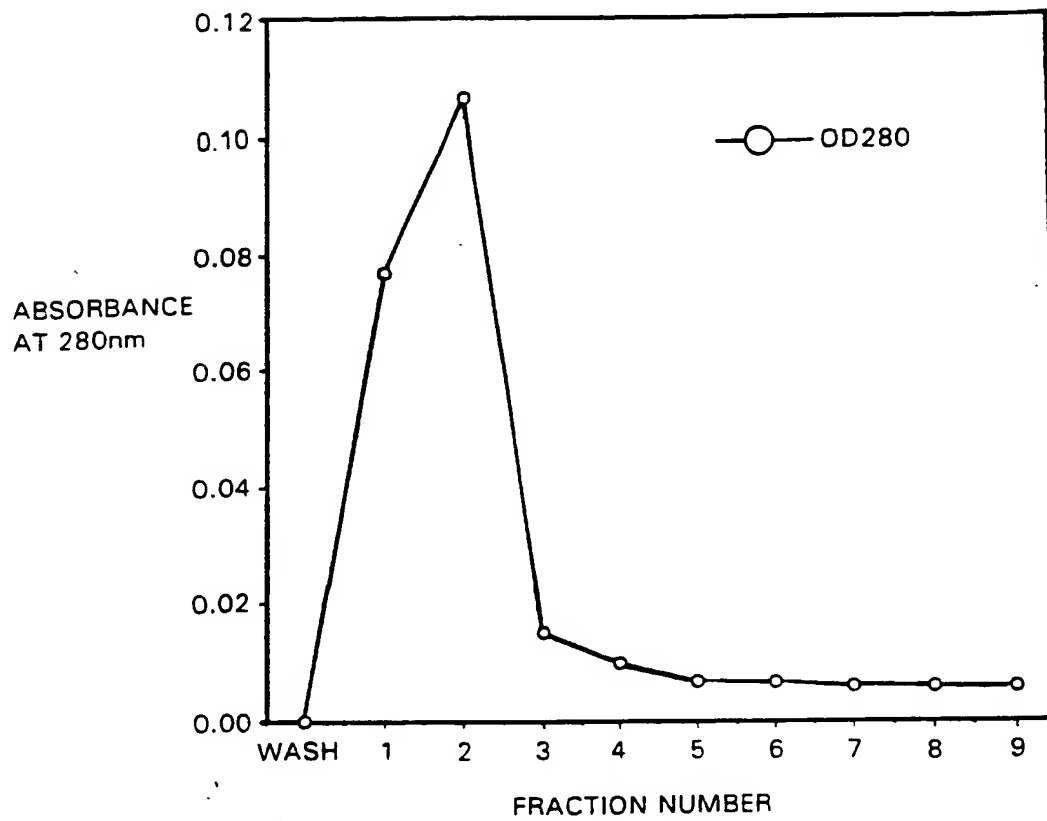


FIG. 18

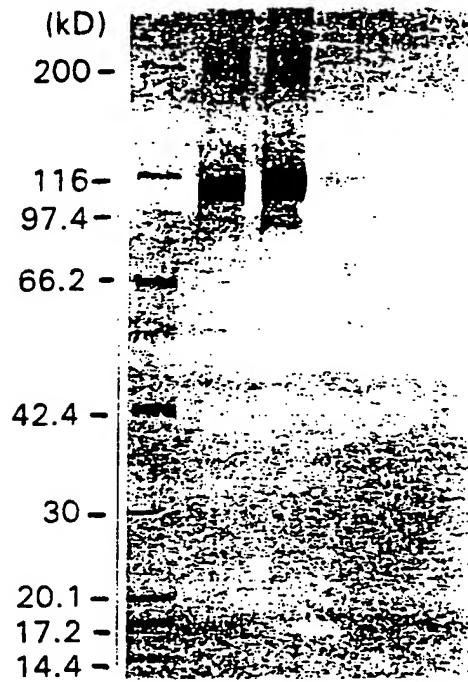


FIG. 19

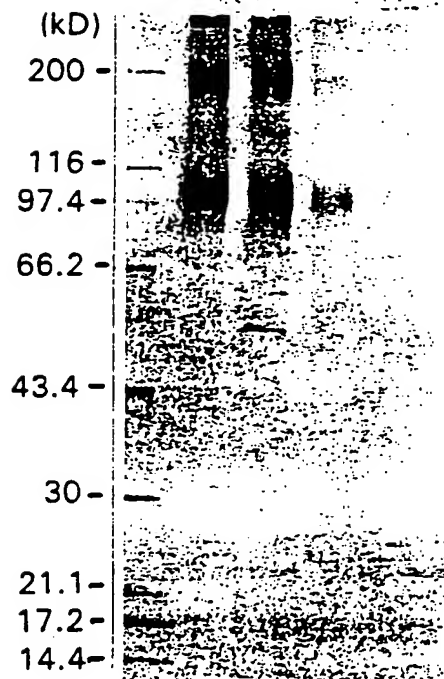


FIG. 21

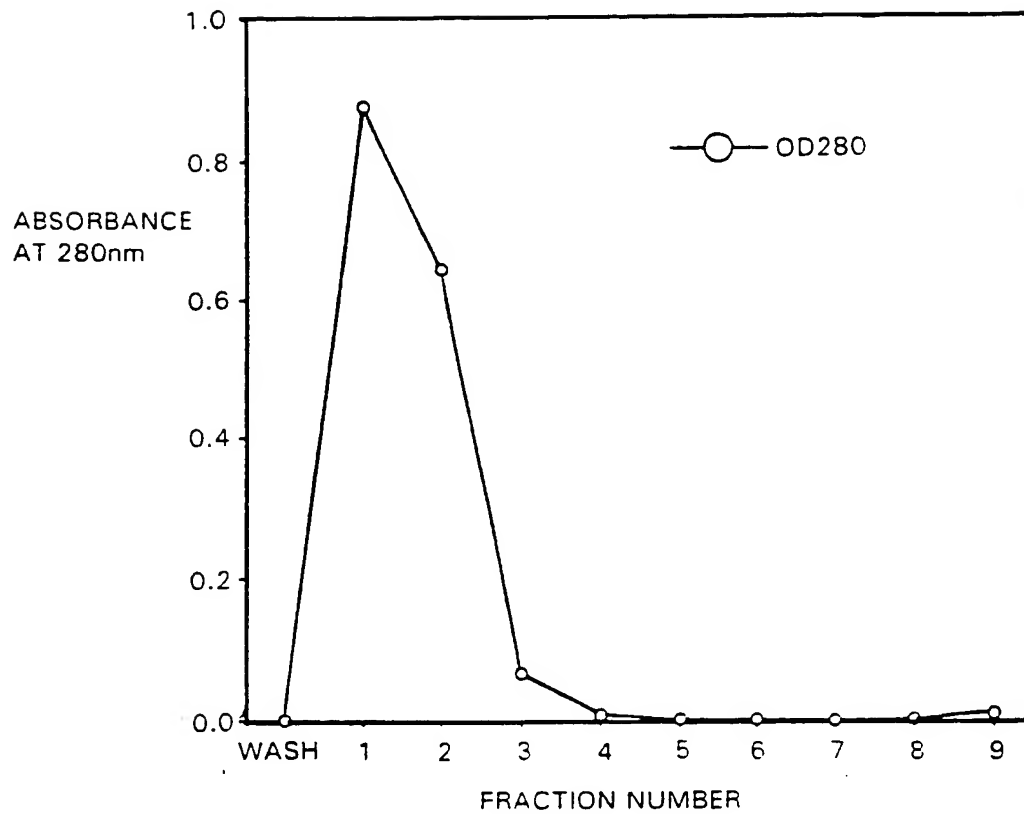


FIG. 20

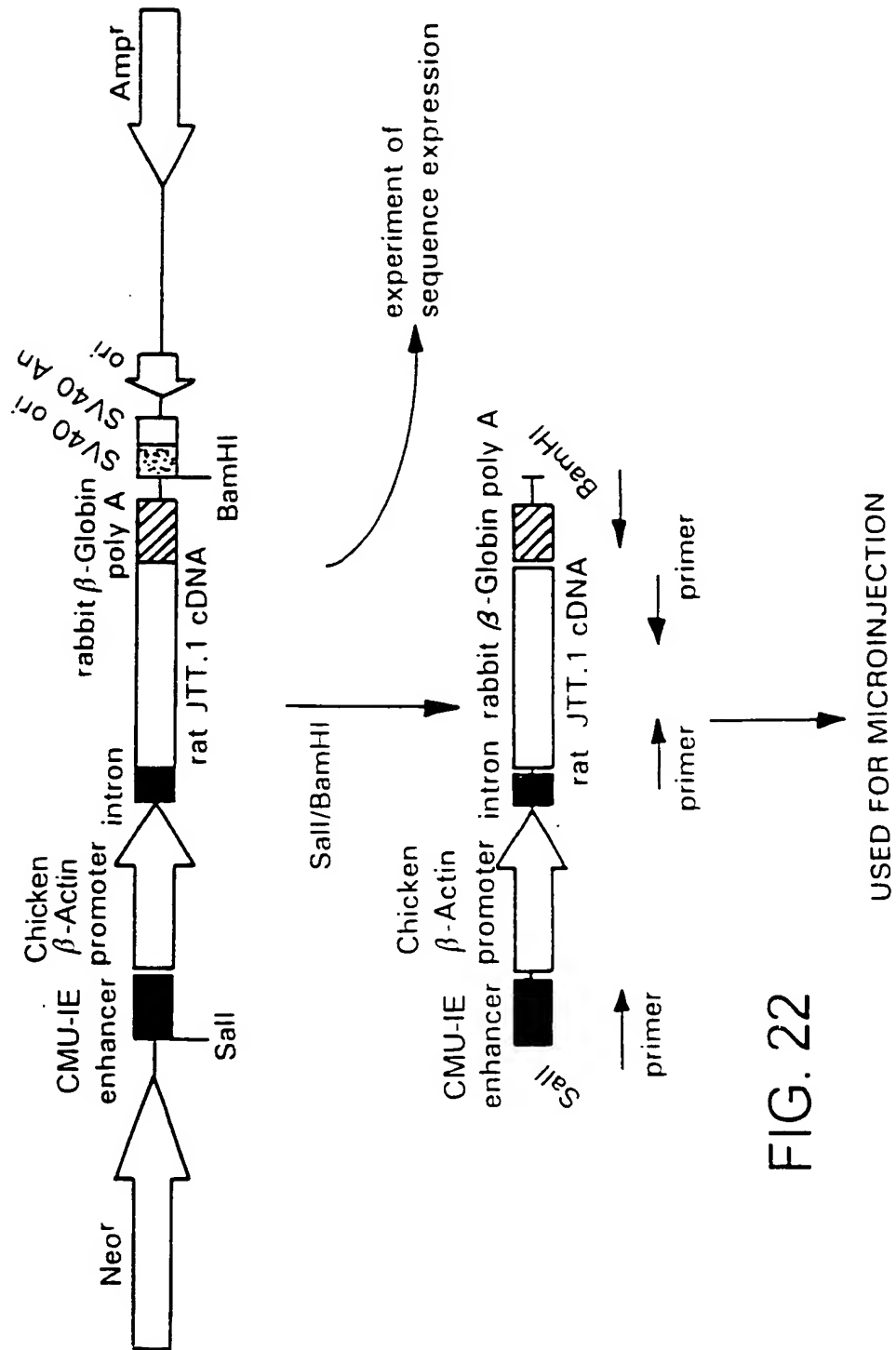


FIG. 22